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| APPLICATION NO.  | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|-------------|----------------------|---------------------|------------------|
| 09/406,910   | 09/24/1999  | DAVID SCOTT HAYES    | RIC-98-054          | 2067             |
| 25537  | 7590        | 08/04/2004           | EXAMINER            |                  |
| MCI, INC<br>TECHNOLOGY LAW DEPARTMENT<br>1133 19TH STREET NW, 10TH FLOOR<br>WASHINGTON, DC 20036 |             |                      | ZIA, SYED           |                  |
|  |             |                      | ART UNIT            | PAPER NUMBER     |
|  |             |                      | 2131                |                  |

DATE MAILED: 08/04/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

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|                        |                                      |   |  |
|------------------------|--------------------------------------|---|--|
| <b>Advisory Action</b> | <b>Application No.</b><br>09/406,910 | <b>Applicant(s)</b><br>HAYES, DAVID SCOTT |  |
|                        | <b>Examiner</b><br>Syed Zia          | <b>Art Unit</b><br>2131                   |  |

**--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

THE REPLY FILED June 08, 2004 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

**PERIOD FOR REPLY [check either a) or b)]**

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.
- b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
- ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on \_\_\_\_\_. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☒ The proposed amendment(s) will not be entered because:
- (a) ☒ they raise new issues that would require further consideration and/or search (see NOTE below);
- (b) ☐ they raise the issue of new matter (see Note below);
- (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
- (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: See Attachment.

3. ☐ Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.
4. ☐ Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. ☒ The a) ☐ affidavit, b) ☐ exhibit, or c) ☒ request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Attachment.
6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. ☒ For purposes of Appeal, the proposed amendment(s) a) ☒ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: -None-.

Claim(s) objected to: -None-.

Claim(s) rejected: 1-17.

Claim(s) withdrawn from consideration: -None-.

8. ☐ The drawing correction filed on \_\_\_\_\_ is a) ☐ approved or b) ☐ disapproved by the Examiner.
9. ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). \_\_\_\_\_.
10. ☐ Other: \_\_\_\_\_

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*Attachment to Advisory Action*

1. This office action is in response to after-final amendment filed on June 08, 2004.

Original application contained Claims 1-17. Applicant previously amended Claims 1, 3-6, 8-16, and added claims 17. The amendment filed on June 08, 2004 have not been entered and not made of record. Therefore, presently pending claims are 1-17.

2. Applicant's request for consideration has been fully considered but they are not persuasive because of the following reasons:

Applicant amended independent claims. These amendments require further consideration because either scope of the claims has been changed when interpreting existing claim limitation in conjunction with amended limitation, or amendment does not place the application in condition for allowance, some examples are:

Claim 1 limitation b line 7) "publishing a first certificate... based on a private key from the certificate authority";

Claim 14 limitation c, line 8) " verifying contents of a second certificate issued... that is shorter than the long master key pair";

Claim 15 limitation b, line 5) " publishing the short public key and a digital signature of the short public key based on a ... short private key".

Claim 16 limitation d, line 8) " verifuying a digital signature of the short public key... than the long public key";

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Claim 17 limitation e, line 13) “ wherein said plurality of gateways... including which... access networks; and”


Claim 22 limitation e, line 9) verifying the public key based on a digital signature of a public key issued by a certificate authority”

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Syed Zia whose telephone number is 703-305-3881. The examiner can normally be reached on Monday - Friday 9:00 AM to 5:00 PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on 703-305-9648. The fax phone numbers for the organization where this application or proceeding is assigned are 703-746-7239 for regular communications and 703-746-7238 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-746-7240.

SZ  
July 26, 2004

  
AYAZ SHEIKH  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100

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